



APPROVED  
for  
PTO DEPOSIT ACCOUNT CHARGE  
ACCOUNT#04-1700

Express Mail No. EV 106029645 US  
Date Mailed: 06/26/2002

DUNLAP, CODDING & ROGERS, P.C.

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE



# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ ) 160

## Complete if Known

Application Number	10/082,034
Filing Date	02/21/2002
First Named Inventor	William Hildebrand
Examiner Name	Unknown
Group Art Unit	2171
Attorney Docket No.	6680.040

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: 04-1700  
Deposit Account Name: DUNLAP, CODDING & ROGERS, P.C.  
Cust. Number 30589

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☒ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 70	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$ ) 0

### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	** =	X	= 0
Multi-Dependent	** =	X	= 0

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ ) 0

\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	65
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	55
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	40
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 160

## SUBMITTED BY

Name (Print/Type)	Kathryn L. Hester, Ph.D.	Registration No. (Attorney/Agent)	46,768	Telephone	(405) 478-5344
Signature		Date	06/26/2002		

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SEND TO: Washington, D.C. 20231



Express Mail No. EV 106029645 US  
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06-28-02  
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ACCOUNT #04-1700

DUNLAP, CODDING & ROGERS, P.C.

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

PTO/SB/21 (08-00)

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/082,034	
	Filing Date	02/21/2002	
	First Named Inventor	William Hildebrand	
	Group Art Unit	2171	
	Examiner Name	Unknown	
Total Number of Pages in This Submission	112	Attorney Docket Number	6680.040

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input checked="" type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	See remarks.
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	1. Transmittal Form (1 page); 2. Fee Transmittal Form (1 page); 3. Petition for Extension of Time (1 page); 4. Transmittal of Missing Parts (2 pages); 5. Copy of Notice to File Missing Parts (2 pages); 6. Power of Attorney or Agent (1 page); 7. Statement Under 3.73(b) (1 page);	8. Inventors Declaration (4 pages); 9. Assignment (81 pages); 10. Recordation Form Cover Sheet (1 page); 11. Formal Drawings (17 pages); 12. Postcard.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	DUNLAP, CODDING & ROGERS, P.C., Customer Number 30589 P. O. Box 16370, Oklahoma City, Oklahoma 73113
Signature	
Date	6/26/02

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail or U.S. Express mail no. EV 106029645 US in an envelope addressed to the address below on this date: 06/26/2002			
Typed or printed name	Kathryn L. Hester, Ph.D., Reg. No. 46,768		
Signature		Date	6/26/02

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Washington, D.C. 20231

10082034-062602



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/082,034	02/21/2002	William Hildebrand	6680.040

CONFIRMATION NO. 9571

## FORMALITIES LETTER



\*OC000000007920326\*

Dunlap, Coddling & Rogers, P.C.  
Suite 420  
9400 North Broadway  
Oklahoma City, OK 73114

Date Mailed: 04/22/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 65.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. ( 5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);
  - drawings contain excessive text. Suitable descriptive legends may be used, or may be required by the Examiner where necessary for understanding of the drawing but should contain as few words as possible ( see 37 CFR 1.84(o));

07/03/2002 RHEBRAHT 00000027 041700 10082034

02 FC:205 65.00 CH

*A copy of this notice **MUST** be returned with the reply.*

10082034-052602

*M. Narasimhan*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

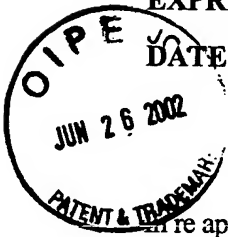
PART 2 - COPY TO BE RETURNED WITH RESPONSE

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#3

EXPRESS MAIL NO. EV 106029645 US

PATENT



DATE DEPOSITED: 06/26/2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: William Hildebrand

Application No.: 10/082,034

Group No.: 2171

Filed: 02/21/2002

Examiner: Unknown

For: SOLUBLE HLA LIGAND DATABASE UTILIZING PREDICTIVE ALGORITHMS AND METHODS... Atty. Docket No.: 6680.040

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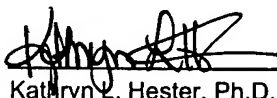
COMPLETION OF FILING REQUIREMENTS  
- NONPROVISIONAL APPLICATION

In response to the Notice To File Missing Parts Of Nonprovisional Application (PTO-1533) mailed 04/22/2002

- ☒ A copy of the Notice to File Missing Parts of Application - Filing Date Granted (Form PTO-1533) is enclosed.
- ☒ Oath & Declaration For Utility or Design Patent Application (37 CFR 1.63). (4 pages)
- ☐ The declaration or oath that was filed was determined to be defective. A new original oath or declaration is attached. *(Complete (a) or (b) if applicable).*
  - ☐ (a) Statement by a registered attorney that the application filed in the PTO is the application that the inventor executed by signing the declaration.
  - ☐ (b) Statement that the "attached" specification is a copy of the specification and any amendments thereto that were filed in the PTO to obtain the filing date.

- ☒ Assignment. (81 pages)
- ☒ Recordation Form Cover Sheet.
- ☒ Power of Attorney/Agent and Certificate Under 37 CFR 3.73(b). (2 pages)
- ☐ Sequence Listing. (\_\_\_ pages)
- ☐ Amendment in response to Missing Parts mailed \_\_\_\_\_ adding \_\_\_\_\_ pages of the sequence listing to the specification.
- ☐ Statement That Content of the Paper and Computer Readable Copy Are the Same and Contain No New Matter.
- ☐ Computer readable form copy in ASCII format of the Sequence Listing.

Respectfully submitted,



Kathryn L. Hester, Ph.D.

Registration No. 46,768

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